

1. Unique identification of product	Firetect® Seal pad EVO	
2. Intended use	service closure for plastic electrical socket boxes, to form a penetration seal in case of fire to reinstate the fire resistance of: - standard flexible walls ≥ 100mm - standard rigid walls ≥ 100mm - standard flexible ceilings ≥ 150mm	
3. Manufacturer	KLF Building Products BV Techniekweg 11, 4207 HC Gorinchem, The Netherlands	
4. Authorised representative	not applicable	
5. System of AVCP	System 1	
6a. Harmonised standard	not applicable	
Notified body	not applicable	
6b. European Assessment Document (EAD)	<a href="#">350454-00-1104</a>	
European Technical Assessment (ETA)	<a href="#">ETA-14/0275</a>	
Certificate of Constancy of Performance	0960-CPR-SKGIKOB.011132.01.NL	
Technical Assessment Body (TAB)	SKG-IKOB	
Identification notified body	No. 0960	
7. Declared performances		
<b>basic requirements</b>	<b>characteristics</b>	<b>performances</b>
<b>BWR 1 Mechanical resistance + stability</b>		not relevant
<b>BWR 2 Safety in case of fire</b>		
EN 13501-1	reaction to fire	Class F
EN 13501-2	resistance to fire	per tested assembly; EI 30 up to EI 120, see ANNEX BWR2 + ANNEX A
	field of application	
<b>BWR 3 Hygiene, health + environment</b>		IA1, S/W3
EAD 350454-00-1104, §2.2.3	air permeability	npd
EAD 350454-00-1104, §2.2.4	water permeability	npd
EAD 350454-00-1104, §2.2.5	content, emission and/or release of dangerous substances	not dangerous under Regulation in compliance with CLP regulations
<b>BWR 4 Safety + accessibility in use</b>		
EAD 350454-00-1104, §2.2.6	mechanical resistance + stability	npd
EAD 350454-00-1104, §2.2.7	resistance to impact / movement	npd
EAD 350454-00-1104, §2.2.8	adhesion	npd
EAD 350454-00-1104, §2.2.9	durability	Z <sub>2</sub> (internal use)
<b>BWR 5 Protection against noise</b>		
EAD 350454-00-1104, §2.2.10	airborne sound insulation	npd
<b>BWR 6 Energy economy + heat retention</b>		
EAD 350454-00-1104, §2.2.11	thermal properties	npd
EAD 350454-00-1104, §2.2.12	water vapour permeability	npd
<b>General aspects relation to fitness for use</b>		
EAD 350454-00-1104, §1.2.2	assumed working life for the intended use	10 years
8. Specific Technical Documentation	not applicable	npd= no performance determined

The performances of the product identified are in conformity with the declared performances. This declaration of performance is issued, in accordance with Regulation 305/2011, under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer in Gorinchem dated 06-03-2020 by C. Buikema



field of application (FoA)	<b>Firetect® Seal pad EVO</b>
	tested and certified by ETA-14/0275; fire resistance performances and assembly methods for uses in:

<b>constructive element</b> <sup>1)</sup>	
<b>fire rated walls</b> acc. EN 1363-1 acc. EN 1364-1	- flexible wall ≥100mm; metal or timber studs, plaster board + 50mm insulation <sup>2)</sup> - flexible wall ≥100mm; metal or timber studs, plaster board + <b>no insulation</b> <sup>2)</sup> - flexible wall ≥160mm; metal or timber studs, plaster board + 50mm insulation + <b>10mm void</b> <sup>2)</sup> - rigid wall ≥100mm: blockwork/concrete/masonry, density ≥ 600 kg/m <sup>3</sup> <sup>2)</sup>
board type acc. EN 520	plaster board type <b>A</b> (gypsum carton) up to type <b>F</b> (reinforced); see FoA chart
<b>fire rated floors</b> acc. EN 1363-1	- flexible ceiling ≥150mm; metal studs, plaster board + <b>no insulation</b> <sup>2)</sup>
board type acc. EN 520	plaster board type <b>F</b> (reinforced)
<sup>1)</sup> the constructive element must be classified acc. EN 13501-2 for the required fire resistance period <sup>2)</sup> the fire resistance of the constructive element must be acc. EN 1363-1 at least equal to the required fire resistance of the fire seal	

<b>fire resistance</b>	<b>standard plastic* electrical socket boxes:</b> note: sockets boxes must be <b>wired!</b>	* principle configuration, plastic incl. halogen-free
<b>field of application:</b> <b>EI 30 up to 120: Seal pad EVO</b> - electrical sockets configuration: see FoA chart	acc. EN 13501-2 / <b>EN 1366-3</b>	
	allowed box sizes within range: width max. 380 mm height max. 76 mm depth max. 71 mm	<b>actual</b> box size, not mounting size !
<b>EI 60 up to 90: Seal pad EVO</b> - electrical sockets configuration: see FoA chart	acc. EN 13501-2 / <b>EN 1364-1</b>	
	allowed box sizes within range: width max. 285 mm height max. 90 mm depth max. 73 mm	<b>actual</b> box size, not mounting size !

<b>environmental performances</b>	<b>BREEAM + LEED</b>	<b>VOC</b> France	<b>M1</b>	<b>Indoor Air</b>
example protocols, click for <a href="#">full list</a>	<input checked="" type="checkbox"/>	A+	<input checked="" type="checkbox"/>	Comfort GOLD

<b>fasteners</b>	none; apply EVO <b>INTO</b> box at the back end	see TDS
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<b>finish</b>	none, in case of a jointless installation in constructive element with adjacent joints, apply smoke seal with Acrylic or PA sealer	see TDS
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<b>product information</b>	
Product certification by DoP; more info on certification of CE building products through ETA at <a href="http://firetect.eu/certification">firetect.eu/certification</a> - full DoP version: declaration of performance + ANNEX BWR2 + ANNEX A; upon request - web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at <a href="http://firetect.eu/download">firetect.eu/download</a> - FoA charts; <a href="#">suitable products per type of fireseal + EI performance + product / joint details</a> - TDS: <a href="#">general directions for use + product specs</a>	
Consult <a href="http://firetect.eu/download">firetect.eu/download</a> for updated versions; product development + fire tests are ongoing processes at KLF. Contact KLF for <b>other</b> EI requirements and (non)standard or complex site requirements; mail <a href="mailto:info@klf.nl">info@klf.nl</a>	
 	